

SOLID WASTE FACILITY PERMIT

1. Facility Permit Number:

19-AA-0009

2. Name and Street Address of Facility:

ANTELOPE VALLEY PUBLIC
LANDFILL I
1200 West City Ranch Road
Palmdale, California 93550

3. Name and Mailing Address of Operator:

Arklin Brothers Enterprises
A USA Waste Company of California
P.O. Box 4040
Palmdale, California 93550
Hugh A. Walker,
Waste Management Director

4. Name and Mailing Address of Owner:

Arklin Brothers Enterprises
A USA Waste Company of California
P.O. Box 4040
Palmdale, California 93550
Hugh A. Walker,
Waste Management Director

5. Specifications:

a. Permitted Operations:

- | | |
|---|--|
| <input type="checkbox"/> Composting Facility (mixed wastes) | <input type="checkbox"/> Processing Facility |
| <input type="checkbox"/> Composting Facility (yard wastes) | <input type="checkbox"/> Transfer Station |
| <input checked="" type="checkbox"/> Landfill Disposal Site | <input type="checkbox"/> Transformation Facility |
| <input type="checkbox"/> Materials Recovery Facility | <input type="checkbox"/> Other: _____ |

b. Permitted Hours of Operation: (Monday through Sunday)

- Landfill and Ancillary Operations 5:00 A.M. to 10:00 P.M.
- Receipt of Refuse 6:00 A.M. to 5:00 P.M.
- Open to Public 8:00 A.M. to 4:45 P.M.

c. Permitted Tons per Operating Day:

Total: 1400 Tons/Day

- Non-hazardous - Refuse 1400 Tons/Day
- Non-hazardous - Sludge N/A Tons/Day
- Non-hazardous - Separated or Commingled Recyclables N/A Tons/Day
- Non-hazardous - Other (See Section #14 of Permit) N/A Tons/Day
- Designated Waste (See Section #14 of Permit) N/A Tons/Day
- Hazardous Waste (See Section #14 of Permit) N/A Tons/Day

d. Permitted Traffic Volume:

Total: 434 Vehicles/Day

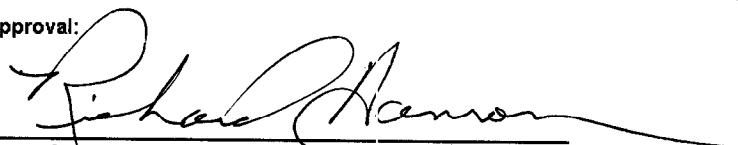
- Incoming Waste Materials 434 Vehicles/Day
- Outgoing Waste Materials (for disposal and materials recovery operations) 434 Vehicles/Day

e. Key Design Parameters:

	Total	Disposal	Transfer	MRF	Composting	Transformation
Permitted Area (acres)	65 a	57 a	N/A	N/A	N/A	N/A
Remaining Capacity (cu. yds)		4,600,000 cy *	N/A	(Design Capacity) 220 tpd	N/A	N/A
Max. Elevation (ft. MSL)		3205 ft	* see page 6, specifications			
Max. Depth (ft. BGS)		N/A				
Estimated Closure Date		July, 1999 *				

Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

6. Approval:


Approving Officer Signature
Richard Hanson, Chief

7. Local Enforcement Agency Name and Address:

County of Los Angeles
Environmental Health/Health Facilities
Solid Waste Management Program
2525 Corporate Place, Room 150
Monterey Park, California 91754

8. Received by CIWMB: NOV 09 1995

9. CIWMB Concurrence Date: DEC 13, 1995

10. Permit Review Date: DEC 26, 2000

11. Permit Issue Date: DEC 26, 1995

11.B. Permit Transfer Date: JUNE 30, 1999

SOLID WASTE FACILITY PERMITFacility Name: **ANTELOPE VALLEY PUBLIC LANDFILL**

SWFP No.:

19-AA-0009

Page 2 of 6

12. Legal Description of Facility (Refer to Attachment "A"):

The legal description for the Palmdale Waste Disposal Facility (dba Antelope Valley Public Landfill) is Township 6 North, Range 12 West, in the northern half of Section 33 SBB&M (1974 USGS, Ritter Ridge Quadrangle).

13. Findings:

- a. The permit is consistent with the County Solid Waste Management Plan and a Finding of Conformance was approved on October 20, 1994 by the Los Angeles County Solid Waste Management Committee/ Integrated Waste Management Task Force. [Public Resources Code (PRC), Section 50000 (a)(1)].
- b. This permit is consistent with standards adopted by the California Integrated Waste Management Board (CIWMB). [PRC, Section 44010]. The waste materials recovered from the facility's on-site recycling programs range between ten (10%) and twenty (20%) percent of the site's total waste intake. The landfill currently has programs to divert green/wood waste, concrete, clean dirt, and multiple items processed through the materials-recovery facility.
- c. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the Local Enforcement Agency (LEA) during the physical inspection of August 30, 1995.
- d. The local fire protection agency, the L.A. County Fire Prevention Bureau, has determined that the facility is in conformance with applicable standards as required in PRC, § 44151.
- e. The following environmental documents have been filed with the State Clearinghouse (SCH) for this facility:
(1) Negative Declaration for the increase in daily tonnage to 1800 tons per day (SCH# 93091027).
(2) Negative Declaration for the Alternative Daily Cover Project (SCH# 95081012).
- f. The Planning Commission of the City of Palmdale has made a determination that the facility is consistent with and designated in the applicable general plan; furthermore, the City Planning Commission has made a written finding (Resolution No. 82-16) that surrounding land use is compatible with the facility operation [PRC, § 50000.5 (a) & (b)].
- g. The operator has submitted a **Notification of an Operating Record** for the landfill in accordance with Title 14 of the California Code of Regulations (14 CCR), Section 17258.29 (Record keeping Requirements). [Sections 17258.10 and 17258.16 of 14 CCR are not applicable to this site, since there are no airports within the vicinity of the existing landfill].

14. Prohibitions:

- The permittee is prohibited from accepting the following wastes:

Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), liquid, or other wastes requiring special treatment or handling, except as defined under the existing Waste Discharge Requirements.
- Scavenging is not permitted by customers or employees at this site due to safety concerns.

15. The following documents also describe and/or restrict the operation of this facility:

DOCUMENT	DATE	DOCUMENT	DATE
<input checked="" type="checkbox"/> Report of Disposal Site Information (RDSI)	October, 1989 (Revised March 1993) (Revised July 1995)	<input checked="" type="checkbox"/> Waste Discharge Requirements Order No. 6-95-119	November 09, 1995
<input checked="" type="checkbox"/> Negative Declaration SCH No. 93091027	December 02, 1993	<input checked="" type="checkbox"/> Preliminary Closure/Post-Closure Plan	December 21, 1994 (Date Deemed Complete by the CIWMB)
<input checked="" type="checkbox"/> Negative Declaration SCH No. 95081012	November 02, 1995	<input checked="" type="checkbox"/> Closure Financial Responsibility Document (Trust Fund)	August 19, 1995
<input checked="" type="checkbox"/> Conditional Use Permit Case No. 82-16 (City of Palmdale Resolution No. 82-16)	May 17, 1982	<input checked="" type="checkbox"/> Certificate of Operating Liability Insurance	November 20, 1994
<input checked="" type="checkbox"/> Five Year Engineering Review (included within the October 1989 revised March 1993; revised July 1995 RDSI)	March 1993		

SOLID WASTE FACILITY PERMITFacility Name: **ANTELOPE VALLEY PUBLIC LANDFILL**

SWFP No.:

19-AA-0009

Page 3 of 6

16. Self-Monitoring:**a. Results of all self-monitoring programs as described in the RDSI will be reported as follows:***(Note: The monitoring reports are delinquent 30 days after the end of the reporting period)*

PROGRAM	REPORTING FREQUENCY	AGENCY REPORTED TO
<p>The quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.</p> <p>All incidents of unlawful disposal of prohibited materials and the operator's actions taken. Indicate those incidents which occurred as a result of the random load checking program. Incidents, as used here, means that the hauler or producer of the prohibited waste is known.</p> <p>Copies of all written complaints regarding this facility and the operator's actions taken to resolve these complaints. (Notification to the LEA within one day following the complaint is still required.)</p> <p>The types and quantities of decomposable and inert wastes, including separated or commingled recyclables, entering the site <u>each day</u> (Distinguish between the quantities of those materials being disposed of and those reclaimed). The operator shall maintain these records on the facility's premises for a minimum of one year and made available to any Enforcement Agencies' personnel on request.</p> <p>The number of vehicles entering the site per day and per week.</p> <p>Reports of all special/unusual occurrences and the operator's actions taken to correct these problems.</p> <p>Record of receipt of a Notice of Violation from any regulatory agency. In addition, the operator shall notify the LEA <u>at once</u> following receipt of a Notice of Violation or upon receipt of notification of complaints regarding the facility which have been received by other agencies.</p>	<p>Monthly (Due 15 days after the end of each reporting period)</p>	<p>LEA</p>
<p>The results of the landfill gas migration control program.</p> <p>An estimate of the remaining capacity (in cubic yards and tons), and the remaining life of the existing permitted site in years and months.</p>	<p>Quarterly**</p>	<p>LEA</p>
<p>The results of the groundwater monitoring program as specified in the Monitoring and Reporting Program No. 84-52. The operator shall monitor for potential leachate generation as required by the Waste Discharge Requirements. If leachate is found, the operator will collect, treat, and effectively dispose of the leachate in a manner approved by the Local Enforcement Agency (LEA) and the California Regional Water Quality Control Board (CRWQCB).</p>	<p>Quarterly** **(Due the 15th of January, April, July, and October)</p>	<p>(1) LEA (2) CRWQCB</p>
<p>Topographical map* showing all current fill locations.</p> <p>Topographical map* which indicates all cuts into native material from the previous year to the present date.</p> <p>*The above two maps shall be drawn to a scale no smaller than one inch = 200 feet unless otherwise approved by the Local Enforcement Agency.</p>	<p>Annually (Due January 15th)</p>	<p>LEA</p>

SOLID WASTE FACILITY PERMITFacility Name: **ANTELOPE VALLEY PUBLIC LANDFILL**

SWFP No.:

19-AA-0009**Page 4 of 6****17. LEA Conditions:****A. Requirements:**

1. This facility shall comply with all the State Minimum Standards for Solid Waste Handling and Disposal.
2. This facility shall comply with all federal, state, and local requirements and enactments including all mitigation measures given in any certified environmental document filed pursuant to the PRC, § 21081.6.
3. The operator shall comply with all notices and orders issued by any responsible agency designated by the Lead Agency to monitor the mitigation measures contained in any of the documents referenced within this permit pursuant to the PRC, § 21081.6.
4. Additional information concerning the design and operation of this facility shall be furnished on request of the Enforcement Agencies' personnel.
5. The operator shall maintain a copy of this Permit at the facility so as to be available at all times to facility personnel and to Enforcement Agencies' personnel.

B. Provisions:

1. Operational controls shall be established to preclude the receipt and disposal of volatile organic chemicals or other types of prohibited wastes:
 - a. During the hours of operation for all landfill dumping activities, an attendant or attendants shall be present at all times to supervise the loading and unloading of the waste material.
 - b. The operator shall comply with 14 CCR, § 17258.20 (*Procedures for Excluding the Receipt of Hazardous Waste*).
 - c. **WASTE LOAD CHECKING PROGRAM:**

The operator shall comply with the approved Waste Load Checking Program as described on page 5-7 of the *October 1989 Report of Disposal Site Information* (revised July 1995). Any changes in this program must be approved by the LEA prior to implementation. The following Solid Waste Facility Permit conditions supplement the described Waste Load Checking Program:

- (1) The minimum number of random waste loads to be inspected daily at this site is two (2).
- (2) Landfill staff and others assigned to perform the duties required in this waste load checking program including visual inspection of the landfill working face, are to be trained to recognize hazardous waste and to perform the reporting requirements of this program. Staff are to be retrained on an annual basis. New employees are to be trained prior to work assignments. The training program must be approved by the Local Enforcement Agency.
- (3) Incidents of unlawful disposal of prohibited materials shall be reported to the LEA monthly as described in the monitoring section of this permit. In addition, the following agencies shall be notified at once of any incidents of illegal hazardous materials disposal:
 - (a) Duty officer, Los Angeles County Fire Department, Prevention Bureau, Health Hazardous Materials Division at (213) 890-4045.
 - (b) Environmental Crimes Division, Los Angeles County District Attorney at (213) 974-6824.
 - (c) California Highway Patrol at (213) 736-2971.

SOLID WASTE FACILITY PERMITFacility Name: **ANTELOPE VALLEY PUBLIC LANDFILL**

SWFP No.:

19-AA-0009

Page 5 of 6

17. LEA Conditions**B. Provisions: (continued)**

- (4) Any hazardous materials thus found shall be set aside in a secure area to await proper disposition following notification of the producer (if known) and the appropriate governmental agencies. A generator identification number has been obtained: *Federal E.P.A. I.D. No. CAD903684046*.
2. This facility must comply with all monitoring requirements established in the Waste Discharge Requirements, Order No. 6-84-52 (amended by Board Order No. 6-93-100, September 9, 1993). Should it be determined, in accordance with the provisions of Chapter 15 of the California Code of Regulations, that the facility has caused groundwater contamination which can not be immediately mitigated, then the operations may be required to cease until the appropriate mitigation measures are implemented. Should it be determined that the contamination can not be mitigated then the facility may be required to permanently close.
3. This permit is subject to review by the LEA and may be suspended, revoked or modified at any time for sufficient cause.
4. The LEA reserves the right to suspend or modify waste receiving operations when deemed necessary due to an emergency, a potential health hazard or the creation of a public nuisance.
5. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to:

Surface fires, underground fires, explosions, earthquakes, discharge of hazardous liquids or gases to the ground or the atmosphere, or significant injuries, accidents or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The operator shall maintain this log at the facility so as to be available at all times to site personnel and to the Enforcement Agencies' personnel. Any entries made in this log must be reported to the LEA at once. Call the duty officer, County of Los Angeles, Department of Health Services, Solid Waste Management Program at (213) 881-4151.
6. The operator shall maintain adequate records regarding length and depth of cuts made in natural terrain where fill is placed, together with the depth to the groundwater table. The operator shall maintain, at the facility, accurate daily records of the weight and/or volume of refuse received. These records shall be available to the LEA's personnel and to the CIWMB's personnel and shall be maintained for a period of at least one year.
7. The operator shall continue to monitor for potential leachate generation. If leachate becomes a problem, the operator will collect, treat, and effectively dispose of the leachate in a manner approved by the Local Enforcement Agency and the California Regional Water Quality Control Board.
8. The operator shall comply with the provisions of 14 CCR, § 17258.21 (*Cover Material Requirements*).
9. The methane gas monitoring program shall proceed and the self-monitoring reports shall continue to be submitted to the Local Enforcement Agency by the operator. The operator shall comply with the provisions of 14 CCR, § 17258.23 (*Explosive Gases Control*) and § 17258.24 (*Air Criteria*).
10. When using synthetic fabric as daily cover, all mitigation measures included in the Alternative Daily Cover Project Negative Declaration must be met.
11. The operator shall comply with all of the requirements of all applicable laws pertaining to employee health and safety; the operator shall take all steps necessary to attenuate adverse occupational exposures associated with all site operations, including but not limited to, those of the materials-recovery facility (MRF).
12. The LEA reserves the right to require the operator to provide more stringent dust control

SOLID WASTE FACILITY PERMITFacility Name: **ANTELOPE VALLEY PUBLIC LANDFILL**

SWFP No.:

19-AA-0009

Page 6 of 6

17. LEA Conditions:**C. Specifications (continued from page 1):**

1. No significant change in design or operation from that described in the Findings section of this permit is allowed.
2. The operator shall notify the LEA, in writing, of any proposed changes in the routine facility operation or changes in facility design during the planning stages. In no case shall the operator undertake any changes unless the operator first submits to the LEA a notice of said changes at least 150 days before said changes are undertaken. Any significant change as determined by the LEA would require a revision of this permit.
3. The operator shall not accept more than a total of 1400 tons of refuse into the facility on a daily basis as measured on the facility scales, which includes all waste materials destined for processing at the on-site materials-recovery facility or for land disposal. This maximum daily tonnage does not include clean dirt or source-separated materials put to beneficial use either at the landfill or exported from the site for the purpose of resource recovery.
4. The operator shall take all measures possible to limit traffic to and from the site to less than 434 two-way vehicular truck trips per day [as specified on Page 1, Section (d) of this permit].

(This mitigation measure was derived from the *Supplemental Traffic Analysis for the Expansion of the Antelope Valley Landfill*, that was incorporated into the mitigated Negative Declaration (SCH No. 93091027) prepared by the County of Los Angeles, Department of Regional Planning to amend the current Conditional Use Permit (CUP No. 85-512) to allow for a maximum tonnage of 1,800 TPD.

The aforementioned traffic study concluded that the project, in itself, would not affect an environmental problem but would exacerbate the current traffic conditions existing at the two intersections of the SR-14 Southbound Off-ramp/Palmdale Blvd. and the SR-14 Northbound Off-ramp/Palmdale Blvd., respectively. Currently, these two intersections are not signalized; however, Caltrans is planning to install signals at these intersections by 1996. The study used traffic volumes of the intersections obtained in March of 1993 and then extrapolated the volumes for 1996 by assuming an increase in ambient traffic of six percent per year.

With regards to incremental impacts, the only mitigation measure directly related to the traffic from the expansion of the landfill would be the provision of a northbound left turn lane on Tierra Subsida Avenue at City Ranch Road. It is projected that the left turn signal would be required in 1995, when the daily receipt of waste at the site is expected to be 1,400 TPD or 434 two-way vehicular trips per day.

Therefore, the LEA believes that a limiting factor based upon traffic volumes would be greater than the anticipated maximum daily input of 1,400 tons or 434 vehicular trips.

In order to mitigate the effects of the project at the two intersections of concern, the LEA believes one of two things must occur: (1) the intersections become signalized; or (2) the landfill operator restricts the travel of vehicles, which utilize the landfill, through the intersections during peak use hours.)

5. The operator, in order to assist in the mitigation of the traffic congestion present at the intersection of SR-14 and Palmdale Blvd., shall not permit the waste collection vehicles under his control to utilize this intersection between the hours of 4:00 p.m. and 6:00 p.m. until such time as the intersection becomes signalized.
6. The design capacity of 4.6 million cubic yards [specified on Page 1, Section 5 (e) of this permit] represents an estimate of the remaining permitted site capacity as of July, 1995.
7. The estimated Closure date [Specified on Page 1, Section 5 (e) of this permit] is based on information given in the October 1989 (revised July 1995) RDSI. The RDSI contains a projection of the site life based on the current design plan which includes a portion of the landfill which must be lined. The design of this lined area, which is within the permitted fill area, is subject to approval by the California Regional Water Quality Control Board and may affect the capacity and life expectancy of the landfill.
8. This permit is not transferable; a change in the operator would require a new permit.
9. This permit supersedes all previous Solid Waste Facilities Permits for this site.

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